

WYOMING

Science and Engineering Profile

	Wyoming	U.S.	Rank		Wyoming	U.S.	Rank
Doctoral scientists, 1993	716	430,332	51	Total R&D performance, 1993 (millions)	\$63	\$161,427	50
Doctoral engineers, 1993	102	81,293	49	Industry R&D, 1993 (millions)	\$15	\$117,622	48
S&E doctorates awarded, 1993	38	25,409	47	Academic R&D, 1993 (millions)	\$33	\$19,489	49
of which, in environmental sciences	26%	3%		of which, in life sciences	51%	55%	
in life sciences	26%	24%		in environmental sciences	24%	7%	
in psychology	18%	13%		in engineering	7%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	47	34,394	44	expenditures, 1993 (millions)	\$270	\$163,994	51
S&E graduate students, 1993				Number of SBIR awards, 1990-93	3	13,995	48
in doctorate-granting institutions	998	438,128	47	Patents issued to state residents, 1994	41	56,039	51
Population, 1994 (000s)	476	260,341	51	Gross state product, 1992 (billions)	\$13.2	\$5,994.1	49
Civilian labor force, 1994 (000s)	250	131,013	51	of which, agriculture	4%	2%	
Personal income per capita, 1994	\$20,436	\$21,809	27	manufacturing, mining, construction	35%	23%	
Federal spending				transportation, communication, utilities	17%	9%	
Total expenditures 1994 (millions)	\$2,344	\$1,284,896	51	wholesale and retail trade	11%	16%	
R&D obligations 1993 (millions)	\$48	\$65,394	50	finance, insurance, real estate	12%	18%	
				services	9%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Wyoming by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	48,234	10,068	0	7,583	23,734	5,283	1,566	50
Department of Agriculture	6,936	4,393	0	0	2,533	10	0	40
Department of Commerce	0	0	0	0	0	0	0	na
Department of Defense	2,690	4	0	12	1,788	0	886	48
Department of Energy	13,536	0	0	7,495	1,031	5,010	0	30
Dept. of Health & Human Services	1,648	0	0	0	1,253	263	132	51
Department of the Interior	6,395	5,671	0	76	633	0	15	32
Department of Transportation	10,791	0	0	0	10,258	0	533	12
Environmental Protection Agency	460	0	0	0	460	0	0	40
Nat'l Aeronautics & Space Admin.	376	0	0	0	376	0	0	47
National Science Foundation	5,402	0	0	0	5,402	0	0	45
State rank	50	50	na	47	44	31	39	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.